

Peak District National Park

Forecast valid from 00:00 on Saturday 07 Oct 2023 until 23:59 on Sunday 08 Oct 2023

Forecast Issued on Friday 06 Oct 2023 at 14:30

Confidence: High for mainly settled, but lowering for cloud detail.

Headline for Saturday 07 Oct 2023: Mainly dry with best of brighter spells appearing for the afternoon. Fresh summit winds easing for evening.

Mountain weather hazards on Saturday 07 Oct 2023

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Light rain	Cloudy	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy
Precipitation probability							
40%	20%	20%	10%	10%	<05%	10%	20%

Forecast for Saturday 07 Oct 2023

Weather: Rather cloudy start with the chance of some patchy light rain, but most staying dry from mid-morning with some brighter spells breaking through for the afternoon.

Chance of cloud-free hill tops above 600m: 30-40% becoming 70-80% for the afternoon

Low cloud and visibility: Good becoming moderate or poor in rain, very poor within cloud with bases quite extensive from 500m at first, but lifting and breaking for the afternoon.

Forecast for Saturday 07 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/35 SW	21/29 SW	20/29 SW	21/29 SW	20/29 SW	18/26 SW	15/22 W	11/17 NW	11/17 NE
300	18/26 SW	14/22 SW	12/22 SW	13/19 SW	14/21 SW	12/18 SW	8/13 SW	8/14 W	7/13 NE
Valley	10/24 SW	7/19 SW	7/19 SW	8/17 SW	9/18 SW	8/17 SW	4/12 W	5/11 NW	8/16 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/8	12/8	11/8	12/9	14/11	16/12	15/12	13/11	10/8
300	14/11	14/11	13/11	14/12	17/14	18/16	17/16	15/14	13/12
Valley	14/13	14/12	13/11	15/14	18/16	19/18	16/16	15/14	13/12
Freezing Level*	3500m	3300m	3300m	3300m	3200m	3200m	3300m	3300m	3300m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at
14:00 on Fri 06 Oct 2023

Last 24 hours:
0mm

Last 48 hours:
0mm

Last 72 hours:
0.2mm

Forecast for Sunday 08 Oct 2023

Weather: Similar to Saturday with a rather cloudy start, perhaps with some patchy light rain around, but most staying dry with bright and sunny spells developing for the afternoon.

Maximum wind: Southeast around 15 mph or less.

Chance of cloud-free hill tops above 600m: 30% becoming 80% later

Low cloud and visibility: Good becoming moderate or poor in rain, very poor within cloud with bases occasional from 500m at first, before lifting and potentially breaking later in the day

Temperature: **Valleys:** Plus 11 Celsius increasing 20 Celsius for the afternoon
At 600m: Plus 9 Celsius increasing 13 Celsius for the afternoon
Freezing level: Above all summits